

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Withdrawn) A method for transmitting a signal in a radiocommunication system comprising the steps of:

providing a set of codes from which a selected code is used to process said signal prior to transmission;

reserving at least one code in said set, such that said reserved code cannot be selected as said selected code;

processing said signal using said selected code; and transmitting said signal.

Claim 2. (Previously Presented) A method for estimating interference comprising the steps of:

reserving at least one code in a set of codes for interference measurement only;

receiving a composite signal; and

estimating said interference at a receiver using said at least one reserved code.

Claim 3. (Previously Presented) The method of claim 2, wherein said at least one reserved code is not used for transmitting signals.

Claim 4. (Previously Presented) The method of claim 2, further comprising the step of:

broadcasting information identifying said at least one code to said receiver.

Claim 5. (Previously Presented) A mobile station comprising:
a receiver for receiving a signal over an air interface and despread said signal using at least one channelization code;
a processor for providing said at least one channelization code to said receiver, said at least one channelization code including a reserved code that is used only to estimate interference associated with said received signal.

Claim 6. (Previously Presented) The mobile station of claim 5, wherein said receiver receives information over said air interface that identifies said reserved code.

Claim 7. (Previously Presented) The mobile station of claim 5, wherein said at least one channelization code also includes a code associated with a traffic channel assigned to said mobile station.

Claim 8. (Previously Presented) The mobile station of claim 7, wherein said code associated with said traffic channel is selected based upon a desired user bit rate for a connection between said mobile station and a radiocommunication system.

Claim 9. (Withdrawn) A base station comprising:
a transceiver for transmitting signals over an air interface; and
a processor for controlling said transceiver, including providing information identifying a reserved channelization code, which information is transmitted by said transceiver.

Claim 10. (Withdrawn) The base station of claim 9, wherein said information is broadcast on a broadcast control channel (BCCH).

Claim 11. (Withdrawn) The method of claim 1, further comprising the step of: storing said selected code in a terminal's memory.

Claim 12. (Previously Presented) The method of claim 2, further comprising the step of:

storing said at least one code in a terminal's memory.

Claim 13. (Previously Presented) The mobile station of claim 5, further comprising:

a memory for storing said reserved code.

Claim 14. (Currently Amended) The mobile station of Claim 5, wherein the received signal does not contain data intended for the receiver and spread with the reserved code.

Claims 15-16 (Not Entered)

Claim 17 (New) The method of Claim 2, wherein the at least one code is reserved within a communication cell to which the receiver belongs.

Claim 18 (New) The mobile station of Claim 5, wherein the reserved code is reserved within a communication cell to which the mobile station belongs.

Claim 19 (New) The method of Claim 2, wherein the estimating comprises despreading the received composite signal using the reserved at least one code, and the despread result contains only interference with respect to the mobile station.

Claim 20 (New) The mobile station of Claim 5, wherein the receiver despreads the received signal using the reserved code, and the despread result contains only interference with respect to the receiver.

Claim 21 (New) A method for estimating interference in a system comprising a transmitter and a receiver, the method comprising the steps of:

reserving at least one code in a set of codes for interference measurement only, wherein the reserved at least one code is used within the system only to despread received signals and not to encode signals for transmission;
transmitting a signal;
receiving the signal; and

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estimating interference at the receiver by disspreading the received composite signal using the at least one reserved code.
